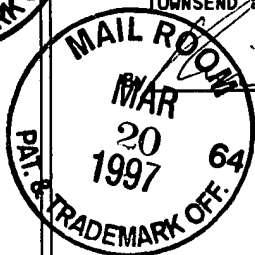


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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Attn: Box Missing Parts, Washington, D.C. 20231, on

PATENT

Attorney Docket No. 014643-009020US



TOWNSEND and TOWNSEND and CREW LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Nils Lonberg et al.

Serial No.: 08/728,463

Filed: October 10, 1996

For: TRANSGENIC NON-HUMAN
ANIMALS FOR PRODUCING
HETEROLOGOUS ANTIBODIES

Examiner: Unassigned

Art Unit: Unassigned

SUBMISSION OF SEQUENCE LISTING
UNDER 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants hereby submit both a paper copy and a computer-readable copy of the Sequence Listing for the above-referenced application.

Please insert pages 277 to 414, containing the Sequence Listing, and renumber the subsequent pages accordingly.

Applicants attest that the information contained in the Sequence Listing introduces no new matter and that the computer-readable form submitted herewith is the same as the paper copy of the sequence Listing.

Respectfully submitted,

Randolph T. Apple
Reg. No. 36,429

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